

AMENDMENTS TO THE CLAIMS

Please cancel Claims 3 and 4; and amend Claims 1, 5 and 6 as follows.

LISTING OF CLAIMS

1. (currently amended) An automotive air conditioner comprising;
a refrigerant evaporator for cooling air blown into a driver-passenger compartment,
a refrigerant compressor for drawing thereinto, compressing and discharging gaseous refrigerant which has evaporated as a result of heat exchange with air in the refrigerant evaporator, and
a radiation thermometer for detecting a surface temperature ~~[[of]]~~ at a plurality of locations on the refrigerant evaporator from an amount of radiation energy radiated from the refrigerant evaporator, wherein
the operation of the refrigerant compressor is controlled based on a lowest surface temperature of the surface temperatures at the plurality of locations on the refrigerant evaporator that ~~[[is]]~~ are detected by the radiation thermometer.
2. (original) An automotive air conditioner as set forth in Claim 1, wherein the refrigerant compressor is of a variable displacement type.
- 3.-4. (cancelled)

5. (currently amended) An automotive air conditioner comprising;

a refrigerant evaporator for cooling air blown into a driver-passenger compartment,

a refrigerant compressor for drawing thereinto, compressing and discharging gaseous refrigerant which has evaporated as a result of heat exchange with air in the refrigerant evaporator, and

cooled air temperature detecting means for detecting an air temperature immediately after air has been cooled by the refrigerant evaporator, whereby

the operation of the refrigerant compressor is controlled based on an air temperature detected by the cooled air temperature detecting means, wherein

the cooled air temperature detecting means has a plurality of temperature detectors ~~for detecting air temperatures for respective areas which result in the event that the refrigerant evaporator is divided into a plurality of areas~~ , each temperature detector detecting an air temperature after air has been cooled by the refrigerant evaporator, each temperature detector being disposed at one of a plurality of locations immediately downstream from the refrigerant evaporator in an air flow direction.

6. (currently amended) An automotive air conditioner as set forth in Claim 5, wherein a lowest temperature is calculated from ~~respective~~ the air temperatures detected by the plurality of temperature detectors, and wherein the operation of the refrigerant compressor is controlled based on the lowest temperature ~~so calculated~~.

7. (original) An automotive air conditioner as set forth in Claim 5, wherein the refrigerant compressor is of a variable displacement type.